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cyclodextrin supercritical arginine OR "amino acid"



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Inclusion Complexes Containing Piroxicam, a Cyclodextrin and Arginine

B Freiss, F Marciaq... - US Patent App. 10/594,740, 2005 - Google Patents

... of molecular diffusion in a dense pressurized medium, and in particular **supercritical** medium, which ... soluble inclusion compound consists of the combination of piroxicam, of a **cyclodextrin** and of ... of the present invention, the active substance(s), water and **super- critical** CO₂ are ...

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CO₂ Supercritical Fluid Chromatography with Chiral Stationary Phases: a Promising Coupling for the Resolution of Various Racemates

P Macaudiere, M Caude, R Rosset... - Journal of ..., 1999 - ingentaconnect.com

... value, the SFC initials will be employed for both sub- and **supercritical** fluid chromatography. ... An intermediate type, Type I-II, has been reserved for **cyclodextrin**-bonded CSPs (Figure ... The chloroform- or methylene chloride-like behavior of **super critical** carbon dioxide was further ...

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Complex Containing Mequitazine, a Cyclodextrin and an Interaction Agent

B Freiss... - US Patent App. 20,070/293,454, 2005 - freepatentsonline.com

... agent is **arginine**, and the invention thus relates to mequitazine/**cyclodextrin**/**arginine** complexes and ... phase in a dense milieu under pressure, and in particular **supercritical**, that enables ... of diffusion is to form inclusion complexes between mequitazine, the **cyclodextrin**, and the ...

[Cached](#)

[CITATION] ASYMMETRIC SYNTHESIS OF o-AND p-CARBORANYL AMINO ACIDS

JC Jonas Malmquist... - ... of the Sixth ..., 1996 - Kluwer Academic Publishers

[Related articles](#) - [All 2 versions](#)

Determination of enantiomeric purity of (S)-carboranylalanine using capillary column **supercritical** fluid chromatography

P Petersson, J Malmquist, KE Markides... - ... of Chromatography A, 1994 - Elsevier

... A 670 (1994) 239-242 to examine if a CSP based on permethylated /3-**cyclodextrin**, which we ... is too polar to be eluted in gas chromatography (GC) or **supercritical** fluid chromatography ... The hydrogen chloride of the **amino acid** was dissolved in the acidic propanol solution (9 mg ...

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Present Industrialization Situation of **Supercritical** Fluid Extraction Technology [J]

Z GAO... - Shanxi Chemical Industry, 2004 - en.cnki.com.cn

... CO₂ extraction of hermetiin oil and its effects on **amino acid** components and ... Institute, Fushun Liaoning 113001,China);Application and Development of **Supercritical** Fluid Technology ... Academy of Sciences, Lanzhou 730000, China);Application of **Cyclodextrin** Derivatives as ...

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Comparison of liquid and **supercritical** fluid chromatography using naphthylethylcarbamoylated-[beta]-**cyclodextrin** chiral stationary phases

KL Williams, LC Sander... - Journal of Chromatography A, 1996 - Elsevier

... MD 208990001, USA Abstract A comparison of liquid (LC) and sub or **supercritical** fluid chromatography ... of enantiomeric purity has remained elusive [3,4]. In sub or **super critical** fluid chromatography ... Modification or derivatization of the **cyclodextrin** (CD) can be used to vary the ...

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Gas chromatographic separation of enantiomers on **cyclodextrin** derivatives

V Schurig... - Angewandte Chemie International ..., 1990 - Wiley Online Library

... phases that have become particularly important in gas-chromatographic enantiomer separation belong to three classes: 1. **amino acid** derivatives which ... derived from amino acids have already been reviewed;"] the present article deals with the use of **cyclodextrin** derivatives for ...

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Enantiomer separation by electrochromatography in open tubular columns coated with Chirasil-Dex

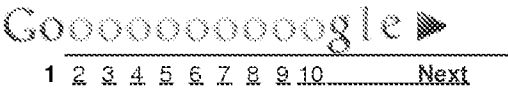
S Mayer... - Journal of Liquid Chromatography & Related ..., 1993 - Taylor & Francis

... P., Gassmann, E., Michei- son, H., Zare, RJ, Electrokinetic resolution of **amino acid** enantiomers with ... G., Schmalzing, D., Separation of enantiomers on immobilized polysiloxane-anchored permethylated p- **cyclodextrin** (CHIRASIL-DEX) by **supercritical** fluid chromatography ...
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Fast development of separation methods for the chiral analysis of **amino acid** derivatives using capillary electrophoresis and experimental designs

C Perrin, MG Vargas, Y Vander Heyden... - ... of Chromatography A, 2000 - Elsevier
... chromatography (HPLC) [3, 4, 5 and 6], gas chromatography (GC) [7] and **supercritical** fluid chromatography ... The electrolyte solutions were prepared by dissolving the required **cyclodextrin** in the appropriate buffer ... a positive pressure of 0.8 psi for 4 s (6 s for **arginine** derivatives). ...
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